

MNF1 Rabbit pAb

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Catalog # AP56798

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9BRT2
Predicted	Rat, Human, Mouse, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	14875
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MNF1
Epitope Specificity	14-100/126
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Mitochondrion matrix, mitochondrion nucleoid. Mitochondrion. Mitochondrion intermembrane space (By similarity). Mitochondrion matrix (By similarity). Mitochondrion inner membrane (By similarity). Note=Predominantly expressed in the mitochondrial inner membrane (By similarity).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The myeloid cell nuclear differentiation antigen (MNDA) is detected only in nuclei of cells of the granulocyte-monocyte lineage. A 200-amino acid region of human MNDA is strikingly similar to a region in the proteins encoded by a family of interferon-inducible mouse genes, designated Ifi-201, Ifi-202, and Ifi-203, that are not regulated in a cell- or tissue-specific fashion. The 1.8-kb MNDA mRNA, which contains an interferon-stimulated response element in the 5-prime untranslated region, was significantly upregulated in human monocytes exposed to interferon alpha. MNDA is located within 2,200 kb of FCER1A, APCS, CRP, and SPTA1. In its pattern of expression and/or regulation, MNDA resembles IFI16, suggesting that these genes participate in blood cell-specific responses to interferons. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	84300
Other Names	Ubiquinol-cytochrome c reductase complex assembly factor 2, Breast cancer-associated protein SGA-81M, Mitochondrial nucleoid factor 1, Mitochondrial protein M19, UQCC2, C6orf125, MNF1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000

Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
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Protein Information

Name	UQCC2
Synonyms	C6orf125, MNF1
Function	Required for the assembly of the ubiquinol-cytochrome c reductase complex (mitochondrial respiratory chain complex III or cytochrome b-c1 complex). Plays a role in the modulation of respiratory chain activities such as oxygen consumption and ATP production and via its modulation of the respiratory chain activity can regulate skeletal muscle differentiation and insulin secretion by pancreatic beta-cells. Involved in cytochrome b translation and/or stability.
Cellular Location	Mitochondrion matrix, mitochondrion nucleoid. Mitochondrion. Mitochondrion intermembrane space Mitochondrion matrix. Mitochondrion inner membrane. Note=Predominantly expressed in the mitochondrial inner membrane.
Tissue Location	Pancreas, skeletal muscle, kidney, liver and heart.

Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.